ontents 7	Reference to last Measurement 8
Bill-	1311000=00
IT	13110=00
LC	13110=00
EBF	1311=00
GST	11705=00
LR	9055=00
CBF	1311=00
TD	59996=00
Net	1251004=00

M. A. R. 57 (Rule 116) No. E 536015

Measurement Book

Serial No. 1st and final Bill E-BILL

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency M/s shri Charan Construction, prop: Sri. T.S Seethanda Raju Electrical Engg Contractor, Srinivasa Bagath Endowed Alwyn 64

Date of commencement of work D.O. Records - 24/03/2021 No.05,

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Name of work : Improvements to Roads and drains at Devarakonda and surrounding areas in Ward No-06 thanisandra						
	Estimated Cost Rs : 100 no Lakhs						
	JOB. NO : 006-21-00000						
	Work order no : BBMP/EE/DY01/WO/144/2020-21 Dt. 26.11.2020						
	Date of commencement : 29.11.2020						
	Date of completion : 24/03/2021						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(1) Earthworks Excavation ~~for~~ by manual means for roads drains and similar works in ordinary soil excavated surfaces levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.						
	Qty vide E.Bill. No. (1)						
	P. No. (1) = 7729.90 M^3 @ 247.77/M^3						16,8445.00 / 168750.0
	2) Providing and laying plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs with crushed 40mm and down size graded granite metal coarse						

Serial No. .....
Name of work .....
Name of Contractor of nat
Date of commencement of

Date	Full description
1	2
	aggregate of fondation Compacted including scaffolding worth spe

ntents	Reference to last Measurement
7	8
ods	
ted	
used	
mplete	
)	
e 247.77/m³	16,84,445.00
	16,87,50.0
ghmix	
shed	
coarse	

M. A. R. 57 (Rule 116)
Measurement Book

No. E 536016

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	aggregate of 0.89 m³ and fine aggregate @ 0.46 m³ in foundation mechanically mixed, placed in form and compacted by Vibrating including curing for 14 days including cost of materials, labour, form curing formwork scaffolding and centering complete as per specifications mosth specifications no. 2400.						
	Qty vide R.B.N. # no. (2) p. no (2)				= 449.40 m³ @ 5687.57/m³		Rs. 25,55,994.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3] Providing, laying plain reinforced cement concrete for side drains using M-20 nominal mix Concrete with opc at 300kgs. With 20mm and down size granite metal coarse aggregate at 0.69cys and fine aggregate at 0.43cys machine mixed well compacted for wall and bottom including centering, shuttering costing materials, Hire of Machinery, curing etc complete. Excluding cost of steel as per masons specifications no 1500, 1700, 2200. including costing Material, labour Hire Complete as per specifications, Wall and bottom thickness 15cms						

Serial No. .....
Name of work .....
Name of Contractor of na
Date of commencement o

Date	Full descriptio
1	2
	4] Providing ... Works inc... placing in ... required ... to the adj...

ents	Reference to last Measurement 8
ck	
e	
c	
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ft	
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M. A. R. 57 (Rule 116) No. E 536017
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		Obj wide E.Bly 1st no (3) p.no (2)					
		= ~~261.45 cm~~ 266.17 ℄				@ ~~7416.64~~/cm	~~19,83,655.00~~ 19,74,235.00
4]	Providing Thig bars fe.500 steel reinforcement for RCC work including, straightening, cutting, bending, hooking placing in position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	as per design Clops, hooks, and wastage shall not be paid) Cost of materials labour, hire of Machinery Complete as per specification, works specifications no 1600 and 2200 Specifications.						
		Qty vide E.Bill at no. (4)					
		p.no. (2) =				16.00 MT, @ 68234.20/T	Rs 10,95,159.00
5)	Providing and laying pre-cast covering slab made out of C.C 1:2:4 with 10cms thick and finishing, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading						

Serial No. .....
Name of work .....
Name of Contractor of nature of Agen
Date of commencement of work.....

Date	Full description, etc, of work
1	2
	unloading, lead a (Slab Rate) comp of Engineer-in-ch
6)	Supplying bitumi along with premi attached with RC

Reference to last Measurement 8
Rs 10,95,159.00 o/r

M. A. R. 57 (Rule 116) No. E 536018
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Unloading, lead and lift, transportation etc complete (Schedule Rate) complete as per specifications and directions of Engineer-in-charge of the work.						
	Qty vide R.Bill No. (5)						12,93,686.00
	P. No = 527.21					527.21 @ 2451.51/42	12,93,044.00
17	Carrying bituminous coarse course 50mm to 75mm thick along with premix carpet/surface dressing by Roller Rollers attached with tempers without disturbing the base and						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Stacking the debris including cost of all labour charges Hire of machinery complete as per specifications and directions of Engineers-in-charge of the work.						
	Extra rate R.B.N.H. No. (6)						
	P.No (3) = 1238.60 sq.m					1257.78 43.37 sq.m	54550.00 54550.00
(7)	Excavation for Road work in all types of soils by Mechanical means including cutting and loading to tippers, trimming bottom and side slopes in accordance with requirements of lines, grades, cross sections and transportation with lead of 1 km by and complete as per specifications Moving specifications loading unloading with lifting lead						

Serial No. .....
Name of work .....
Name of Contractor of n
Date of commencement

Date	Full descripti
1	2
8)	Compaction including cu slopes, i in depos all labou directions

Reference to last Measurement 8
5455.00
5455.00

M. A. R. 57 (Rule 116) No. E 536019
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions: Length 4	Dimensions: Breadth 5	Dimensions: Depth 6	Contents 7	Reference to last Measurement 8
		Qty vide R. Bill # no (7)					2644.00
8/7	Compaction of original ground by mechanical means in cuddy cutting ad loading to tippers, trimming bottom and side slopes, in accordance with required lines of cross, filling in depression occurred during rolling including cost of all labour, tools complete as per specifications and directions of Engineer in charge of work.	P. no = 447.00	447.00 m³	@ 59.02/m³			2642.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Qty vide R.B'll No ⑧				
			P.No. = 2236.06 − 2253.19				14915.00 < 15029.60
9]	Construction of granular sub-base grading-V. and base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material mixing in a mechanical mix plant at one, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power Roller to achieve 98% proctor density complete as per specifications, clause 401 of MoRTH v. Revisions complete as per specifications and						

Serial No. .....
Name of work .....
Name of Contractor of natu
Date of commencement of

Date	Full description,
1	2
	directions of
10]	cement co plain cement M. 30 over a @ 0.69 m³ fin conforming to IS

Reference to last Measurement 8
14915.00 & 15029.60

M. A. R. 57 (Rule 116)
Measurement Book

No. E 536020

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
10/	Cement concrete pavement, construction of un-reinforced plain cement concrete for pavement using a grade concrete M.30 ons. a prepared batch with one coarse aggregate @ 0.69 m^3 fine aggregate @ 0.46 m^3 coarse aggregate confirming to IS: 383-2016, with superplasticizer @ 3% by weight of cement as per direction of Engineer in charge of Work, Qty vide E.Bill No. 11 dt. 09. P.No. 2 148.94 / 149.61 m^3 @ 2092.67/- m^3						313084.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	to IS 9103-2006 mixed in a Concrete mixer, of not less than 0.6m³ capacity and a appropriate weigh batcher as per approved mix design, laid in approved steel side form work, steel channel, laying and laying 125 micron thick polythene film, wedges, steel plates including leveling the form work as per drawing.) and spreading the concrete with shovels, rackers, Compacted using needle, screed and plate vibrator and finished with floaters in a Continuous operations including provision of Contraction, Expansion, Const and Longitudinal joints including groove						
	Qty vide						

R. Bill. No. (10)

Serial No. .....
Name of work .....
Name of Contractor o
Date of commenceme

Date	Full descr
1	

Certified
(1)

Contractor
(2)

Reference to last Measurement
8

M. A. R. 57 (Rule 116) **No. E** 536021

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		P.no	=	~~337.98~~ 335.04 sqc		5466.30 sq	~~18,47,500.00~~ 18,31,429.00
		93 28 226				Sub-Total Rs	~~93,51,514.00~~ 93,28,224.00
		11 93.87 12			Add 12%	Applicable GST	& ~~11,22,182.00~~ 11,19,387.00
		10447613.12					
		10447000.00				Grand Total Rs	~~1,04,73,696.00~~ 1,04,47,608.00

Certificate

(1) certified that the contractor has work done satisfactorily,

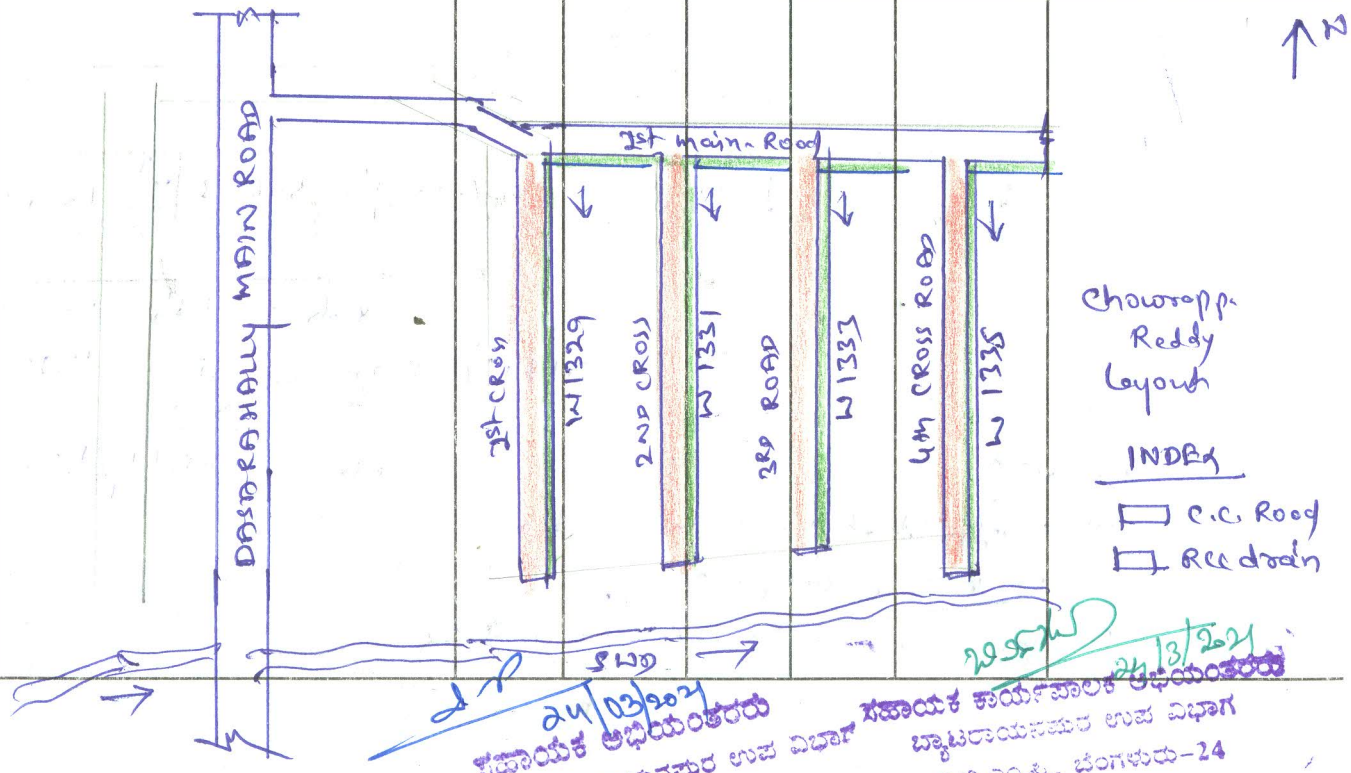
(2) the Contractor has removed the debris from site.

Contractor

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



24/03/2021
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು 24/3/2021
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Serial No. .....
Name of work .....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, et
1	2

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Reference to last Measurement
8

N

Chowrappa Reddy Layout

INDEX

C.C. Road

Rcc drain

24/3/2021

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ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

M. A. R. 57 (Rule 116) No. E 536022

Measurement Book

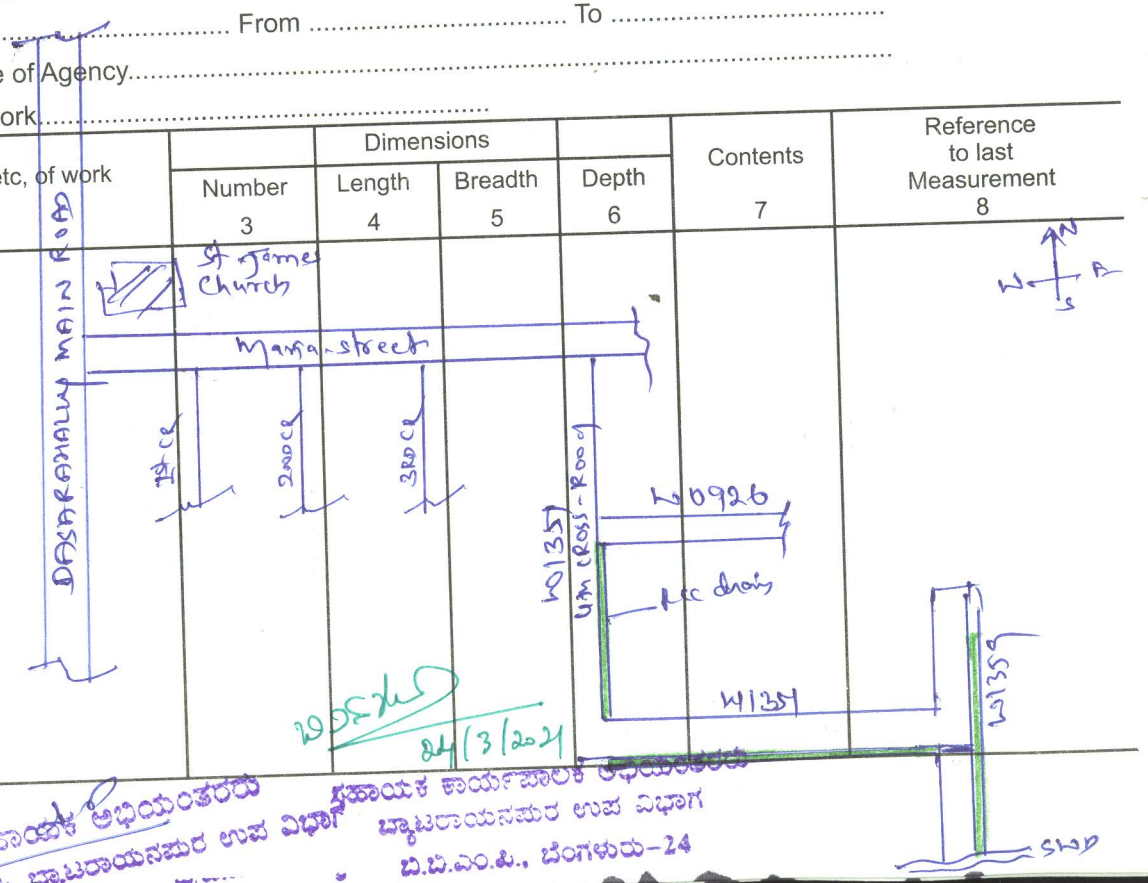
Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



24/3/2021

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

1st + final

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	P 3075						
	Special Comprehensive Development Works		ITB	10447000			
	Est. 10447000/-		It	104470			
	571700/-		Cest	93277			
	9875300/-		Sest	93277			
			Cen.	104470			
			CBF	10447			
			LR	165759			
16/4/21	16/4 16/04		Ded	571700			
			Chefge	9875300			

Name of work .....

Name of Contractor of nat

Date of commencement of

Date	Full description
1	2